

ABSTRACT

A method and system for real-time online search processing over inter-connected computer networks of search requests received from wireless handheld clients, in which a server communicates with a wireless handheld client using an XML-like protocol, and an offline database information is maintained for a plurality of vendor sites from the inter-connected computer networks. The information includes URLs, search form URLs, description of domains, and vendor descriptions which include generalized rules about how product information is organized on each of the vendor sites. A product keyword request from the wireless handheld device client is processed using the information maintained in the offline database. Real-time price and product information are extracted from identified ones of the plurality of vendor sites in a native language of the site; and the extracted price and product information are communicated to the user through the server.